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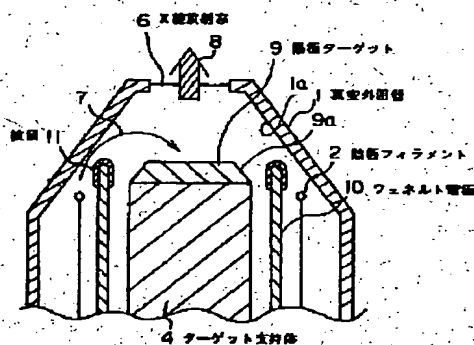
**H01J 35/08**(21) Application number: **07230325**(71) Applicant: **TOSHIBA CORP**(22) Date of filing: **07.09.95**(72) Inventor: **SAITO SUSUMU**

## (54) X-RAY TUBE FOR ANALYSIS

## (57) Abstract:

**PROBLEM TO BE SOLVED:** To provide an X-ray tube for analysis, allowing the reduction of a distance between an X-ray emission window and anode target surface, and having the capability of supplying an X-ray of high output and purity.

**SOLUTION:** An X-ray tube for analysis has a target support body 4 within a vacuum envelope 1, and an anode target 9 for generating an X-ray is secured to the target support body 4. Furthermore, a Wehnelt electrode 10 and a cathode filament 2 are arranged around the anode target 9. Also, the vacuum envelope 1 is provided with an X-ray emission window 6, so as to be faced to the anode target 9, and this anode target 9 is formed to trapezoidal rotor shape.



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